

Genotex version 4.5

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of protein - protein search, using sw model

February 28, 2002, 11:18:58 : Search time 29.2 seconds
(without alignments)
1200.010 Million cell updates/sec

Run on:

US-09-576-778-10_copy_26_485

Protein scores:

Sequence: 1 ASABE37-BR6A11 (K381) VARMAN PROTEIN 460

Scoring table:

BL/BLM62
Gapop 10.0, Gapext 0.5

Starched:

Total number of hits satisfying chosen parameters: 219241

Minimum DB set length: 0

Maximum DB set length: 20000000

Post processing: Minimum Hit: 09
Maximum Hit: 1000
Listing list: 45 summaries

Database:

1: PIR68**
2: PIR12**
3: PIR13**
4: PIR14**pred. No. is the number of results predicted by others to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB	Description
1	1817.5	72.0	553	2	cellulase (EC 3.2.
2	1817.5	72.0	553	2	cellulase (EC 3.2.
3	1469.5	58.2	879	2	endo-beta-1,4-galactosidase (EC 3.2.1.4)
4	1384.5	54.8	1045	2	endo-beta-1,4-galactosidase (EC 3.2.1.4)
5	1382.5	54.8	1711	2	endo-beta-1,4-galactosidase (EC 3.2.1.4)
6	1373.5	54.4	1742	2	endo-beta-1,4-galactosidase (EC 3.2.1.4)
7	1373.5	54.4	1742	2	endo-beta-1,4-galactosidase (EC 3.2.1.4)
8	1354.5	53.6	739	2	endo-beta-1,4-galactosidase (EC 3.2.1.4)
9	1313.5	52.2	515	2	endo-beta-1,4-galactosidase (EC 3.2.1.4)
10	1274.5	42.5	705	2	endo-beta-1,4-galactosidase (EC 3.2.1.4)
11	1074	41.5	1070	2	endo-beta-1,4-galactosidase (EC 3.2.1.4)
12	1046	38.7	625	2	endo-beta-1,4-galactosidase (EC 3.2.1.4)
13	978	36.5	625	2	endo-beta-1,4-galactosidase (EC 3.2.1.4)
14	971	36.5	625	2	endo-beta-1,4-galactosidase (EC 3.2.1.4)
15	951.5	37.7	620	2	endo-beta-1,4-galactosidase (EC 3.2.1.4)
16	942	37.7	620	2	endo-beta-1,4-galactosidase (EC 3.2.1.4)
17	923	36.6	491	2	endo-beta-1,4-galactosidase (EC 3.2.1.4)
18	908.5	36.0	492	2	endo-beta-1,4-galactosidase (EC 3.2.1.4)
19	903	35.8	491	2	endo-beta-1,4-galactosidase (EC 3.2.1.4)
20	900.5	35.7	490	2	endo-beta-1,4-galactosidase (EC 3.2.1.4)
21	894.5	35.4	515	2	endo-beta-1,4-galactosidase (EC 3.2.1.4)
22	884	35.2	515	2	endo-beta-1,4-galactosidase (EC 3.2.1.4)
23	859	34.0	515	2	endo-beta-1,4-galactosidase (EC 3.2.1.4)
24	852	33.7	479	2	endo-beta-1,4-galactosidase (EC 3.2.1.4)
25	841.5	33.6	505	2	endo-beta-1,4-galactosidase (EC 3.2.1.4)
26	844	33.4	510	2	endo-beta-1,4-galactosidase (EC 3.2.1.4)
27	842	33.3	480	2	endo-beta-1,4-galactosidase (EC 3.2.1.4)
28	842	33.3	510	2	endo-beta-1,4-galactosidase (EC 3.2.1.4)
29	830.5	32.9	506	2	endo-beta-1,4-galactosidase (EC 3.2.1.4)

1	828	42.8	507	2	cellulase (EC 3.2.
2	828	42.8	506	2	cellulase (EC 3.2.
3	826	42.7	506	2	cellulase (EC 3.2.
4	824.5	42.6	501	2	cellulase (EC 3.2.
5	823	42.6	479	2	cellulase (EC 3.2.
6	821.5	42.5	496	2	cellulase (EC 3.2.
7	813.5	42.2	494	2	cellulase (EC 3.2.
8	807	42.0	501	2	cellulase (EC 3.2.
9	807	42.0	501	2	cellulase (EC 3.2.
10	793	41.4	488	2	cellulase (EC 3.2.
11	782	41.0	489	2	cellulase (EC 3.2.
12	781	40.9	621	2	cellulase (EC 3.2.
13	771	40.5	492	2	cellulase (EC 3.2.
14	768.5	40.4	481	2	cellulase (EC 3.2.
15	754	39.9	486	2	cellulase (EC 3.2.
16	748.5	39.6	489	2	cellulase (EC 3.2.

ALIGNMENTS

cellulase (EC 3.2.1.4) endo-1,4-beta-D-glucosidic linkages in beta-D-glucans such as

Nucleotide sequence: 1-553 (K381) VARMAN PROTEIN 460

Nucleotide sequence: 1-553 (K381) VARMAN PROTEIN 460

Nucleotide sequence: 1-553 (K381) VARMAN PROTEIN 460

Nucleotide sequence: 1-553 (K381) VARMAN PROTEIN 460

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Nucleotide sequence: 1-553 (K381) VARMAN PROTEIN 460

Nucleotide sequence: 1-553 (K381) VARMAN PROTEIN 460

Search completed: February 28, 2002, 11:20:27
Jury Room: per Sosa

Sequence version 4.5
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100 proteins protein search using SW method

February 27, 2002 11:55:55 Search time: 26.72 seconds

(with protein alignments) 400,790 Million cell updates/second

100 proteins protein search using SW method

February 27, 2002 11:55:55 Search time: 26.72 seconds

(with protein alignments) 400,790 Million cell updates/second

100 proteins protein search using SW method

February 27, 2002 11:55:55 Search time: 26.72 seconds

(with protein alignments) 400,790 Million cell updates/second

100 proteins protein search using SW method

February 27, 2002 11:55:55 Search time: 26.72 seconds

(with protein alignments) 400,790 Million cell updates/second

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February 27, 2002 11:55:55 Search time: 26.72 seconds

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100 proteins protein search using SW method

February 27, 2002 11:55:55 Search time: 26.72 seconds

(with protein alignments) 400,790 Million cell updates/second

100 proteins protein search using SW method

February 27, 2002 11:55:55 Search time: 26.72 seconds

(with protein alignments) 400,790 Million cell updates/second

100 proteins protein search using SW method

February 27, 2002 11:55:55 Search time: 26.72 seconds

(with protein alignments) 400,790 Million cell updates/second

100 proteins protein search using SW method

February 27, 2002 11:55:55 Search time: 26.72 seconds

(with protein alignments) 400,790 Million cell updates/second

100 proteins protein search using SW method

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(with protein alignments) 400,790 Million cell updates/second

100 proteins protein search using SW method

February 27, 2002 11:55:55 Search time: 26.72 seconds

(with protein alignments) 400,790 Million cell updates/second

100 proteins protein search using SW method

February 27, 2002 11:55:55 Search time: 26.72 seconds

(with protein alignments) 400,790 Million cell updates/second

ALIGNMENTS

Accession	Protein	Length	Score	Alignment
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2	GN4_P6221	720	646	GN4_P6221
3	GN4_P6221	720	646	GN4_P6221
4	GN4_P6221	720	646	GN4_P6221
5	GN4_P6221	720	646	GN4_P6221
6	GN4_P6221	720	646	GN4_P6221
7	GN4_P6221	720	646	GN4_P6221
8	GN4_P6221	720	646	GN4_P6221
9	GN4_P6221	720	646	GN4_P6221
10	GN4_P6221	720	646	GN4_P6221
11	GN4_P6221	720	646	GN4_P6221
12	GN4_P6221	720	646	GN4_P6221
13	GN4_P6221	720	646	GN4_P6221
14	GN4_P6221	720	646	GN4_P6221
15	GN4_P6221	720	646	GN4_P6221
16	GN4_P6221	720	646	GN4_P6221
17	GN4_P6221	720	646	GN4_P6221
18	GN4_P6221	720	646	GN4_P6221
19	GN4_P6221	720	646	GN4_P6221
20	GN4_P6221	720	646	GN4_P6221
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30	GN4_P6221	720	646	GN4_P6221
31	GN4_P6221	720	646	GN4_P6221
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9	ATL1	U00001	451	451	0
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11	ATL1	U00001	451	451	0
12	ATL1	U00001	451	451	0
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16	ATL1	U00001	451	451	0
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56	ATL1	U00001	451	451	0
57	ATL1	U00001	451	451	0
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61	ATL1	U00001	451	451	0
62	ATL1	U00001	451	451	0
63	ATL1	U00001	451	451	0
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74	ATL1	U00001	451	451	0
75	ATL1	U00001	451	451	0

[illegible]

[illegible]

4
H. S. I.

[illegible]

MILITARY

Matrices 285; *Mathematica* 66; *Microsoft* 106; *Models* 25; *Notes* 122

25	4	EEF	---	HNHAKKELIYVAGVGL-ENHAKVAGVGLVHIVVGL	74
16	64	EEHGPQPI	ININQAL	EEVYVGLVGLVHIVVGLVHIVVGL	12
27	76	QHW	---	QHWVGLVGLVHIVVGLVHIVVGLVHIVVGLVHIVVGL	117
14	124	QHWVGLVGLVHIVVGLVHIVVGLVHIVVGLVHIVVGL	124	QHWVGLVGLVHIVVGLVHIVVGLVHIVVGLVHIVVGL	120
25	135	EEHGLVGLVGLVGLVGLVGLVGLVGLVGLVGLVGLVGLVGL	174	EEHGLVGLVGLVGLVGLVGLVGLVGLVGLVGLVGLVGLVGL	174
106	184	EEVYVGLVGLVGLVGLVGLVGLVGLVGLVGLVGLVGLVGL	24	EEVYVGLVGLVGLVGLVGLVGLVGLVGLVGLVGLVGLVGL	24
25	195	EEVYVGLVGLVGLVGLVGLVGLVGLVGLVGLVGLVGLVGL	240	EEVYVGLVGLVGLVGLVGLVGLVGLVGLVGLVGLVGLVGL	240

KESSLER

Symbol	Meaning
\mathcal{A}	Algebra
\mathcal{B}	Algebra
\mathcal{C}	Algebra
\mathcal{D}	Algebra
\mathcal{E}	Algebra
\mathcal{F}	Algebra
\mathcal{G}	Algebra
\mathcal{H}	Algebra
\mathcal{I}	Algebra
\mathcal{J}	Algebra
\mathcal{K}	Algebra
\mathcal{L}	Algebra
\mathcal{M}	Algebra
\mathcal{N}	Algebra
\mathcal{O}	Algebra
\mathcal{P}	Algebra
\mathcal{Q}	Algebra
\mathcal{R}	Algebra
\mathcal{S}	Algebra
\mathcal{T}	Algebra
\mathcal{U}	Algebra
\mathcal{V}	Algebra
\mathcal{W}	Algebra
\mathcal{X}	Algebra
\mathcal{Y}	Algebra
\mathcal{Z}	Algebra

Dr. J. C. Malott

Fri Mar 1 08:49:17 2002

us-09-576-778-10_copy_26_485.rspt



FILING DATE: 07-09-1994
 CLASSIFICATION: 436
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 98-07583,456
 FILING DATE: 18-04-1991
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 92-072611,117
 FILING DATE: 27-APR-1990
 ATORPHY/VECT THE EXACT N.
 NAME: Bastian, Kevin L.
 REGISTRATION NUMBER: 44,774
 PERSONALITY: 20048
 FILING DATE: 18-04-1991
 TELEPHONE: (415) 543-9600
 TELEFAX: (415) 543-5043
 INFORMATION FOR SEQ ID NO: 6:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 457 amino acids
 TYPE: amino acid
 topology: linear
 MOLECULE TYPE: protein
 DS: 071-0043-6

Query Match: 22.00% Score 566.08 13 Length 457
 Post Local Similarity: 34.38% (Proc. No. 1.4e 41)
 Matches: 1602 Conservative: 593 Mismatches: 1509 Indels: 204 Gaps: 192

64 VET...
 2...
 120...
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 116...
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 279...
 424...
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 429...

Patent No. 5,629,009
 APPLICANT: Robert, Alan H.
 TITLE OF INVENTION: Robert, Alan H.
 NUMBER OF SEQUENCES: 4
 CORRESPONDENCE ADDRESS:
 ADDRESS: Kevin L. Bastian

SHEET: Two Market Plaza, Steuart Tower, Suite 2000
 CITY: San Francisco
 STATE: California
 COUNTRY: USA
 CITY: 94109
 OTHER AVAILABLE FROM:
 OTHER TITLE: Protein disk
 NUMBER: 1000000000
 RELATING: 429-07583,456
 DRAWING: 1000000000
 INFORMATION FOR SEQ ID NO: 25
 SEQUENCE CHARACTERISTICS:
 LENGTH: 60 amino acids
 TYPE: amino acid
 topology: linear
 MOLECULE TYPE: protein
 DS: 071-07 466B-4

Query Match: 4.68% Score 117.08 13 Length 60
 Post Local Similarity: 34.38% (Proc. No. 0.0004)
 Matches: 223 Conservative: 153 Mismatches: 253 Indels: 21 Gaps: 11

64...
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Search completed: February 28, 2002, 11:20:56
 Job Time: 118 sec

Fri Mar 1 08:49:15 2002

us-09-576-778-10_copy_26_485.rai

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Materials 106; Construction 74; Mathematics 141; Models 60; Cases 100.

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70 MÄISÄÄ (SWYSTIKIA) KESÄN VÄLILLÄ. NÄIN KÄYDÄN I FINNÄN. WWW.DNA.FI 197

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Abstract

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NOTES (continued)

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7. or sent an email to license@ebi.ac.uk.



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			Inputs	24
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Page 10

Received for consideration, November 1961; accepted for publication, February 1962.

$$f(x) = \begin{cases} 1 & \text{if } x \in \mathbb{Q} \\ 0 & \text{if } x \notin \mathbb{Q} \end{cases}$$

• The following section, entitled "SW model"

Find: $15 \cdot 9 + 76 \cdot 778 \cdot 10^{-7} = 45.7614$

Sequence 1: ASSEMBLING LOGS AND THE VILLAGER VIOLENTLY

Section Editor:

212252. 22508207 residues

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Maximum Likelihood Estimation

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ASTOR LENOX TILDEN FOUNDATION
500 5TH AVENUE
NEW YORK 17, N. Y.

and is determined by analysis of the total score distribution.

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Figure 1 is a schematic representation of the experimental design. It is divided into two main sections: 'Pretest' and 'Main Experiment'. The 'Pretest' section shows a flow from 'Pretest' to 'Main Experiment'. The 'Main Experiment' section shows a flow from 'Main Experiment' to 'Posttest'. The 'Main Experiment' section includes a 'Pretest' and a 'Main Experiment'.

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21 105.5 3.1 4.2 2 [MS-08-969-7]

$$24 \quad \Gamma = E_7^{-25} \quad 719 \quad 4 \quad [E_7^{-25} - (1/4) \quad 386, -61]$$

27. $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$ $\frac{1}{4} \times \frac{1}{4} = \frac{1}{16}$ $\frac{1}{16} \times \frac{1}{16} = \frac{1}{256}$ $\frac{1}{256} \times \frac{1}{256} = \frac{1}{65536}$

1000

1 ADDRESS: PENNIE & EDWARDS LLP
2 STREET: 1155 AVENUE OF THE AMERICAS
3 CITY: NEW YORK
4 STATE: NY
5 COUNTRY: USA
6 ZIP: 10036-2711
7
8 CREDITER RECEIVABLE FORM:
9 BILLING TYPE: DISCOUNT
10 ACCOUNT: 1001 Commercial
11 OPERATING SYSTEM: IAS
12 CREDITABLE: Fast Show Auction 2.0
13
14 CURRENT APPLICATION DATA:
15 APPLICATION NUMBER: 02/97006/06
16
17 FILING DATE:
18
19 CLASSIFICATION:
20 ADDRESS/APPLICANT INFORMATION:
21 NAME: BOLDWIN, Geraldine F.
22 REGISTRATION NUMBER: 41,242
23 BIRTHDAY/SSN/SSN/SSN NUMBER: 7809 019
24 TELEPHONE/TELEPHONE INFORMATION:
25 TELEPHONE: (212) 790-9090
26 TELEFAX: (212) 869-8864
27
28 TELEX: 66141 PENNIE
29
30 IN AMATEUR CAN SEE IT NO: 0
31
32 SEQUENCE CHARACTERISTICS:
33 LENGTH: 194 amino acids
34 TYPE: amino acid
35 ORGANISMS: Strepto
36 TOLERANCE: Linear
37
38 IN PROTEIN TYPE: Peptide
39
40 ON 09/09/96-06-00-00

NOTES ON THE EDITORIAL BOARD: The editorial board consists of 10 members, 6 of whom are past presidents of the Society for Experimental Social Psychology. The board is composed of 4 men and 6 women, 4 of whom are currently employed in the United States and 6 are currently employed in other countries. The board is composed of 4 men and 6 women, 4 of whom are currently employed in the United States and 6 are currently employed in other countries.

PHLIN1A1E: 26 Apr 1997
 ALTERNATIVE INFORMATION:
 NAME: PHLIN1, PHLIN
 PROTEIN: AIN 808688, 81, 771
 REFERENCE: 1/1/1997: 122-127, 124-125
 HELD INFORMATION INFORMATION:
 TELEPHONE: (415) 543-9600
 TELEFAX: (415) 543-5043
 INFORMATION FOR: 11 Nov 1997
 SOURCE: TAAH/THESIS:
 LENGTH: 489 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 DIS-008 464 702 4

2004; March	22.18	Source 140	148.1	Length 400
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STATE: SAN FRANCISCO
 COUNTRY: USA
 DATE: 04/05/1992
 COMPUTER READABLE FORM:
 MEDIUM TYPE: floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC DOS/MS DOS
 SOFTWARE: fast continuous release #1.0, V01st 4.11.0
 CURRENT APPLICATION DATA:
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 FILING DATE: 04 MAY 1995
 CLASSIFICATION: 546
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 FILING DATE: 07/00/1994
 OTHER APPLICATION DATA:
 APPLICATION NUMBER: 98/07/007.406
 FILING DATE: 10 APR 1991
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 APPLICATION NUMBER: 05/07/511.417
 FILING DATE: 20 APR 1990
 ABBREVIATION: INFORMATION:
 NAME: bastian, kevin L.
 REGISTRATION NUMBER: 44,774
 REGISTRATION KEY NUMBER: 024076.8 40005
 OTHER REGISTRATION INFORMATION:
 TELEPHONE: (415) 544-9600
 TELEFAX: (415) 544-5043
 E-MAIL: k.l.bas@mc.berkeley.edu
 SEQUENCE CHARACTERISTICS:
 LENGTH: 452 amino acids
 TYPE: amino acid
 ORGANISM: human
 Molecule type: protein

Query Match	16.58%	Score	5.59	Id#	1	Length	4127
most local Similarity	34.18%	Prod. No.	5,40042				
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91 19 SEP 1975 0705 00000001

92 19 SEP 1975 0705 00000001

I, P. P. V.

ΛΑ. 11.11.1947

14. Andriopoulos, D. and J. M. Lechman. 1983. In *N. E. Leach*, ed. *Advances in the Biology of the Sea*. Academic Press, New York.

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$$x = (x_1, \dots, x_n) \in \mathbb{R}^n, \quad y = (y_1, \dots, y_n) \in \mathbb{R}^n,$$

1. \mathcal{H}^1 is a Hilbert space.

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LEKIN MAY 1997.

Journal of Management Inquiry 20(4)


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PR 22-007-1999: 9608-01609801
PR 22-007-1999: 9608-01609811
PR 22-007-1999: 9608-01609819
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PR 26-007-1999: 9608-01619921
PR 26-007-1999: 9608-01619931
PR 29-007-1999: 9608-01621421

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QUALITY REPORT: 11.7% (11.7% of 100.0%)
Host: Local Simulator 54.98% (54.98% of 100.0%)
Matches: 2701 (27.01% of 100.0%)
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PR 26-007-1999: 9608-01619931
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USUAL
 of and a Molecular Plant MB

Department of Botany

University of Georgia

Plant Sciences Building, Box 2702, Athens, GA 30602-2702, USA

tel: 706 542 1663

fax: 706 542 1665

email: jimpatt@arches

Sequences have been trimmed to overlap polyA, vector, and coding

regions (third position). The threshold for high quality sequence is

Seq primer: JEN REV

High quality sequence stop: 579

polyA No.

FEATURES

Source

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423 aaatggttgcctatagatgcatgaggggtgcggggtgagacattgttgatgataa 480
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
448 gtaagagctctatattcattatattgctctatgctctatgctctatgctctatgct 507
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
473 gctgctgctgctgctgctgctgctgctgctgctgctgctgctgctgctgctgctgct 540
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
498 gctgctgctgctgctgctgctgctgctgctgctgctgctgctgctgctgctgctgct 567
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
523 aaatggttgcctatagatgcatgaggggtgcggggtgagacattgttgatgataa 582
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
548 aaatggttgcctatagatgcatgaggggtgcggggtgagacattgttgatgataa 609
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||

```

Search completed: February 28, 2002, 22:59:55
 Job time: 4937 sec



Query Match: 22.18% Score: 405.4; DB: 4; Length: 6416;
 Host: Local; Similarity: 53.8%; Prod. No.: 4; Loc: 92;
 Matches: 729; Conserved: 0; Mismatches: 581; Indels: 45; Gaps: 4;

5 5' cttatgaatattctgaatattatgtaatgtaataatctttgattatga
 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11
 10 7 11 11 11 11 11 11 11 11 11 11 11 11 11 11
 65 aag
 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11
 10 791 AATTCATGATGATGATGATGATGATGATGATGATGATGATGATG
 125 gcttctgag
 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11
 10 851 GCTTCAATGATGATGATGATGATGATGATGATGATGATGATGATG
 185 aag
 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11
 10 911 AATTCATGATGATGATGATGATGATGATGATGATGATGATGATG
 245 atgag
 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11
 10 971 AATTCATGATGATGATGATGATGATGATGATGATGATGATGATG
 305 aatgag
 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11
 10 1031 AATTCATGATGATGATGATGATGATGATGATGATGATGATGATG
 425 aag
 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11
 10 1091 AATTCATGATGATGATGATGATGATGATGATGATGATGATGATG
 485 aag
 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11
 10 1211 AATTCATGATGATGATGATGATGATGATGATGATGATGATGATG
 545 aatgag
 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11
 10 1271 AATTCATGATGATGATGATGATGATGATGATGATGATGATGATG
 605 aatgag
 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11
 10 1331 AATTCATGATGATGATGATGATGATGATGATGATGATGATGATG
 665 aatgag
 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11
 10 1391 AATTCATGATGATGATGATGATGATGATGATGATGATGATGATG
 725 aatgag
 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11
 10 1442 AATTCATGATGATGATGATGATGATGATGATGATGATGATGATG
 785 aatgag
 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11
 10 1493 AATTCATGATGATGATGATGATGATGATGATGATGATGATGATG
 845 aatgag
 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11
 10 1545 AATTCATGATGATGATGATGATGATGATGATGATGATGATGATG
 905 aatgag
 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11
 10 1591 AATTCATGATGATGATGATGATGATGATGATGATGATGATGATG
 965 aatgag
 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11
 10 1646 AATTCATGATGATGATGATGATGATGATGATGATGATGATGATG
 1024 aatgag
 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11
 10 1696 AATTCATGATGATGATGATGATGATGATGATGATGATGATGATG
 1765 aatgag

5' 255 aag
 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11
 10 1706 AATTCATGATGATGATGATGATGATGATGATGATGATGATGATG
 1756 GATTCATGATGATGATGATGATGATGATGATGATGATGATGATG
 1835 aatgag
 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11
 10 1826 AATTCATGATGATGATGATGATGATGATGATGATGATGATGATG
 2205 aatgag
 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11
 10 1886 AATTCATGATGATGATGATGATGATGATGATGATGATGATGATG
 2255 GATTCATGATGATGATGATGATGATGATGATGATGATGATGATG
 1946 GATTCATGATGATGATGATGATGATGATGATGATGATGATGATG
 2005 aatgag
 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11
 10 2006 AATTCATGATGATGATGATGATGATGATGATGATGATGATGATG
 2044 aatgag

RESULT: 2
 05-08 6:35-066-1
 1 St-Francisco 1 Application US/09635066
 2 Patient No: 5945580
 3 GENE: HIF-1A
 4 ALLELE: HIF-1A
 5 ALLELE: HIF-1A
 6 TITLE OF INVENTION: HIF-1A
 7 TITLE OF INVENTION: HIF-1A
 8 NUMBER OF SEQUENCES: 8
 9 OVERSAMPLING ADDRESS:
 10 ADDRESS: Townsend and Townsend and Crew LLP
 11 STREET: Two Embarcadero Center, Fifth Floor
 12 CITY: San Francisco
 13 STATE: California
 14 COUNTRY: USA
 15 ZIP: 94111-4844
 16 COMPUTER READABLE FORM:
 17 METHOD TYPE: Proprietary
 18 SOFTWARE: IBM PC compatible
 19 SOFTWARE: IBM PC compatible
 20 SOFTWARE: IBM PC compatible
 21 SOFTWARE: IBM PC compatible
 22 SOFTWARE: IBM PC compatible
 23 SOFTWARE: IBM PC compatible
 24 SOFTWARE: IBM PC compatible
 25 SOFTWARE: IBM PC compatible
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 91 SOFTWARE: IBM PC compatible
 92 SOFTWARE: IBM PC compatible
 93 SOFTWARE: IBM PC compatible
 94 SOFTWARE: IBM PC compatible
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 96 SOFTWARE: IBM PC compatible
 97 SOFTWARE: IBM PC compatible
 98 SOFTWARE: IBM PC compatible
 99 SOFTWARE: IBM PC compatible
 100 SOFTWARE: IBM PC compatible

Query Match

11.63% Score: 160.6; DB: 2; Length: 2254;

Fri Mar 1 08:49:21 2002

us-09-576-778-9_copy 76 1455.rni

[illegible]

	Genetic Match	35-48% Score 004	100-210 Length 5,275
	Post-Local Similarity 41-88%	Prod No. 1 to 762	
	Matches 197	Conservative 74	Mismatches 119
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1R	13-00T-1999;	990S-0158246	
1R	13-00T-1999;	990S-0159294	
1R	13-00T-1999;	990S-0159294	
1R	14-00T-1999;	990S-0159329	
1R	14-00T-1999;	990S-0159329	
1R	14-00T-1999;	990S-0159340	
1R	14-00T-1999;	990S-0159341	
1R	14-00T-1999;	990S-0159347	
1R	14-00T-1999;	990S-0159348	
1R	14-00T-1999;	990S-0159384	
1R	14-00T-1999;	990S-0160741	
1R	21-00T-1999;	990S-0160767	
1R	21-00T-1999;	990S-0160768	
1R	21-00T-1999;	990S-0160770	
1R	21-00T-1999;	990S-0160814	
1R	21-00T-1999;	990S-0160815	
1R	22-00T-1999;	990S-0160980	
1R	22-00T-1999;	990S-0160981	
1R	22-00T-1999;	990S-0160989	
1R	25-00T-1999;	990S-0161404	
1R	25-00T-1999;	990S-0161405	
1R	25-00T-1999;	990S-0161406	
1R	26-00T-1999;	990S-0161359	
1R	26-00T-1999;	990S-0161360	
1R	26-00T-1999;	990S-0161361	
1R	28-00T-1999;	990S-0161920	
1R	28-00T-1999;	990S-0161922	
1R	28-00T-1999;	990S-0161943	
1R	29-00T-1999;	990S-0162142	
2R	10-00T-1999;	990S-0158242	
2R	10-00T-1999;	990S-0158246	
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2R	10-00T-1999;	990S-0161360	
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2R	10-00T-1999;	990S-0161922	
2R	10-00T-1999;	990S-0161943	
2R	10-00T-1999;	990S-0162142	

1P	16-SEP-1999	9905-0154400
1P	20-SEP-1999	9905-0154799
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1P	23-SEP-1999	9905-0154866
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1P	28-SEP-1999	9905-0154896
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1P	05-OCT-1999	9905-0157194
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1P	08-OCT-1999	9905-0158282
1P	12-OCT-1999	9905-0158293
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1P	21-OCT-1999	9905-0159815
1P	22-OCT-1999	9905-0159880
1P	22-OCT-1999	9905-0159981
1P	22-OCT-1999	9905-0159983
1P	25-OCT-1999	9905-0160404
1P	27-OCT-1999	9905-0161405
1P	28-OCT-1999	9905-0161406
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1P	29-OCT-1999	9905-0161922
1P	29-OCT-1999	9905-0161922
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Guliyev M. A.

Dots: 10001 50.06%; 11001, No.: 1 40.71%;
 Mat' classes: M1: "Unsorted" 70%; Minimum class: 4.2; 10001: 100.00%

10 YAFIIOKSLIPEAHSCHIPENSKI NWRJOSI EIMKEV114 10 WYIADHIVE114 49

24. Yodaanisil, P., and J. S. K. P. In *Handbook of Statistical Science*, 1994, pp. 1-10.

